

Erasmus: Computing Science Stirling

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What?







Overview

- What is the Erasmus Programme?
- Why should you participate?
- Where can you go?
- How can you apply?





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European Region Action Scheme for the Mobility of University Students

What is Erasmus?

- Forms part of the EU's Lifelong Learning Programme
- Managed in the UK by the British Council since 2007
- Largest organised mobility programme in the world
- Over 4,000 Higher Education institutions in 33 countries participate
- Introduced in 1987 to encourage student and staff mobility in the EU





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What Can You Do?

- Students can study 3-12 months in another European country as a part of their degree programme
- Students can also do a work placement which provides a good preparation for future employment
- Foreign University will provide modules in English and also give support
- ... however it is a good chance to learn another language and a different culture







Benefits for Students



- Stand out in the job market
- Gain life skills
- Acquire cultural understanding
- Adapt to new environments
- Learn a language
- Gain international experience
- · Get a grant
- Earn credits
- Return more motivated, independent and confident







Why?







Financial Support

- All accepted students receive an Erasmus grant, typically in £, intended to support the extra expenses incurred in foreign study
- 3-400 €/month for the past 3 years: 70% initial grant, 30% final grant
- ... plus a final boost after all paperwork is returned to Erasmus [?]
- ... plus a top-up paid for the past 3 years: 153 €/month in 2010/2011 but it is not guaranteed so **do not depend on this money** [?]
- An Erasmus grant does not need to be paid back, and does not interfere with an SAAS award
- Stirling students keep their Stirling status and pay Stirling fees only







Application Procedure?

- Students selected by academic departments, not University
- •2F or better (in the main subjects) normally expected
- Computing Science is looking for 1-2 students for one or two semesters to go to Pisa or Bamberg
- Express interest to Ken Turner by 30th October
- Computing Science interview applicants early November
- Selection by Mid November, followed by Erasmus application
- Everything definite a few months before the visit abroad







Where?







Important Factors

- Deadlines and paperwork are important
- Missed deadlines or paperwork not returned typically result in payments delayed/suspended or student forced to return a grant
- If you return sooner than 3 months, you will have to return the entire grant
- Motivation and commitment are very important for an effective and enjoyable experience studying and living abroad







• Pilot project

- First year for CS at Stirling
- Further developments expected!

Where Can you Go?

Austria Belgium Bulgaria Cyprus Czech Republic Denmark Estonia Finland France Germany Greece Hungary Iceland Ireland Italy Liechtenstein Luxembourg Latvia Lithuania Netherlands Norway Malta Poland Portugal Romania Spain Sweden Slovakia Slovenia Turkey







QuickTime™ and a decompressor re needed to see this picture

Pisa



- The first CS department in Italy (1968)
- A strong teaching and research tradition (together with Scuola Superiore S. Anna and Scuola Superiore Normale)
- It has being running the Erasmus Programme for about 20 vears: 10-15 incoming and 20-30 outgoing Erasmus students each year
- A welcoming historical city: 100,000 inhabitants, 30,000 students









Bamberg



- One of the oldest and newest universities in Bavaria: originally founded in 1647, re-established in 1979
- Specialities include Information Systems and Applied Computer Science
- Has been participating in the Erasmus programme for many years
- Bamberg is a UNESCO World Heritage Site, famous for its beer,
- •70,000 inhabitants, 10,000 students









Pisa

- A large teaching offer in English
- An English speaking research environment
- Numerous PhD students from abroad
- Extra funds for intensive language courses

9 FCTS I competer Advanced programming

Architectural and design issues of wireless networks Networks and technologies for telecommunications*

9 ECTS II semester Models of computation Distributed systems: paradigms and models Real time systems

Network security Programming tools for parallel and distributed systems

Network optimization methods Numerical techniques for applications

Teletraffic engineering Networking architectures,

components and services Networks and technologies for telecommunications*





Parallel and distributed algorithms

Information retrieval Complements of distributed enabling platforms

Embedded systems

Laboratory of photonic systems

Networked virtual enviro

Architectural and design issues of multimedia systems

6 ECTS II semester

Packet-switching and processing architectures

Laboratory of distributed software design

Methods for the specification and verification of business processes Security issues in web applications

Performance of multimedia networks

Peer to peer systems Formal methods for security

Software verification methods

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Bamberg



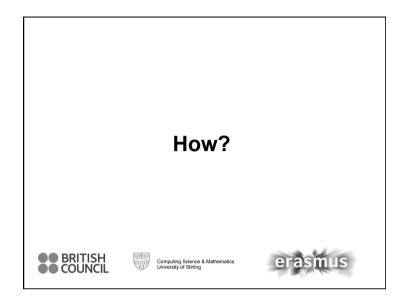
- Semester system: Winter (mid-Oct Feb), Summer (mid Apr July)
- Around 30 modules available taught in English (upon request); additional modules available taught in German with English exams
- Topics include: Communication Systems and Networks; Software Technologies and Programming Languages; Foundations of Computer Science; Computing in the Cultural Sciences; Cognitive Systems; Distributed Systems; Human Computer Interaction, ...
- three week preparatory course available, includes German language course and excursion programme

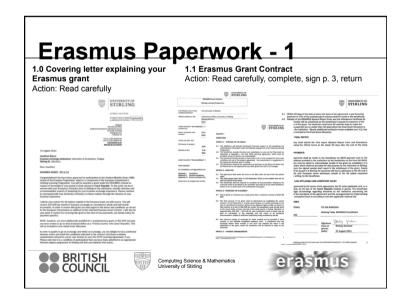




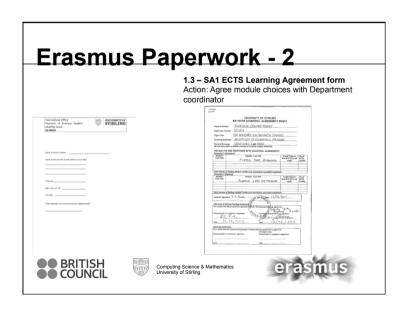
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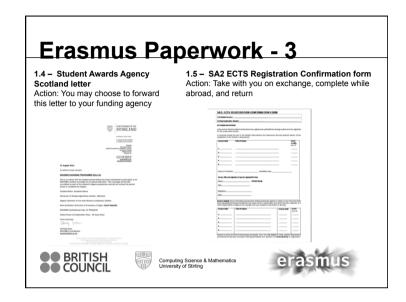


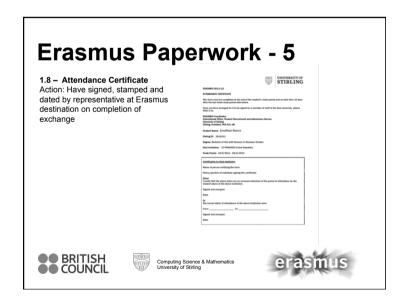


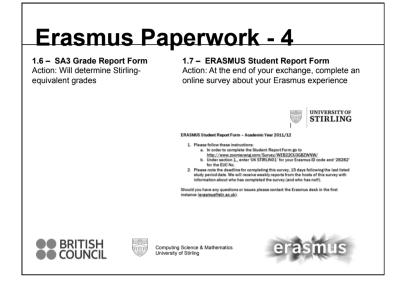


Erasmus Grant Example Hypothetical example based on 2010/11: • John Doe goes to University of Granada for 4.0 months, which equates to a grant of 1200ish EUR. His Initial Grant of **840** EUR is paid soon after he starts his exchange. In May the 'top up' of 153 EUR per month was announced, adjusting John's overall Erasmus grant from 900 EUR to 1512 In the summer, John's Final Grant is paid to him, comprising of the remaining 30% of his Initial Grant (1200-840=360 EUR) + the 'top up' (153 EUROS * 4 months=612 EUR)=972 EUR Initial Grant (630 EUR) + Final Grant (882 EUR) = 1512 EUR BRITISH Computing Science & Mathematics erasmus COUNCIL









Further Information

- A general video: http://ec.europa.eu/education/video/eac-infospotlist.htm
- A video about Erasmus exchange at Strasbourg: http:// www.youtube.com/watch?v=LhvnzGnUDo0
- Stirling page: http://www.stir.ac.uk/erasmus





